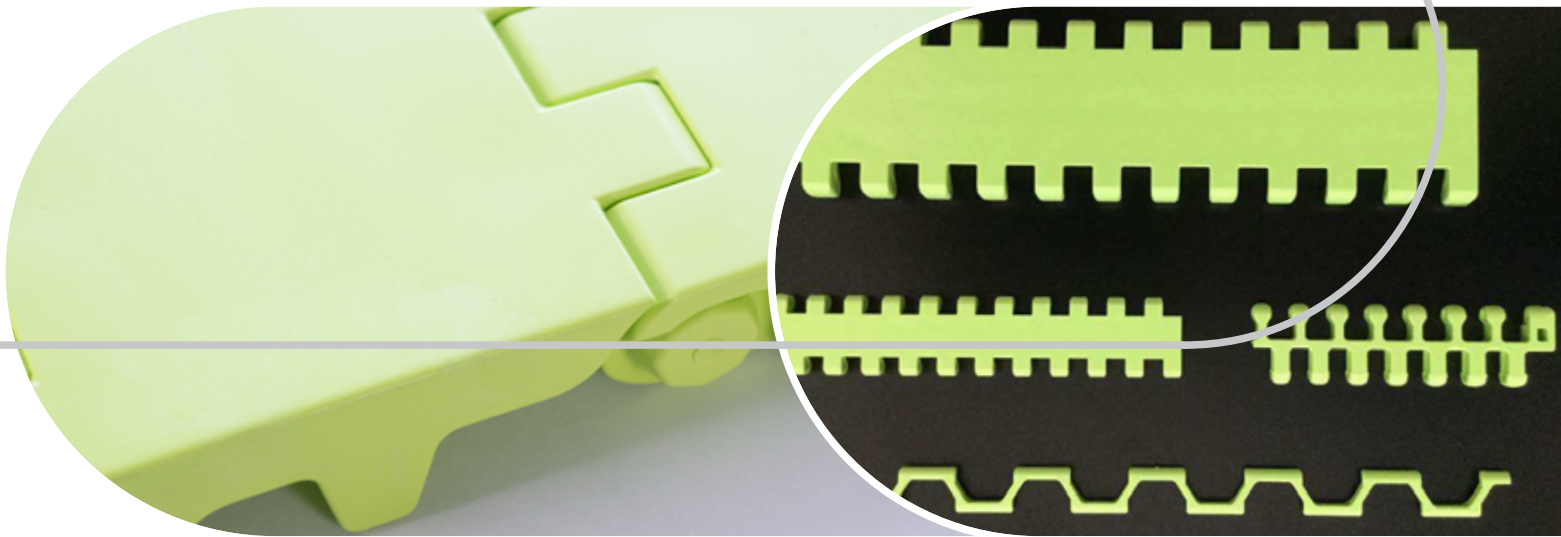
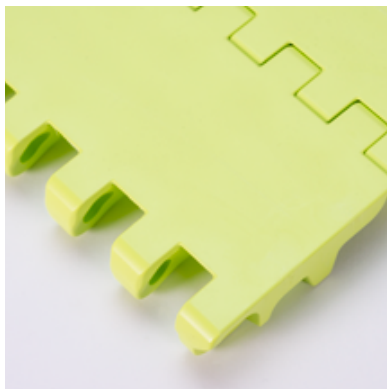


X-ray Detection

Detectable POM+DX material



X-ray inspection systems are fast becoming a common fixture in food processing and packaging plants throughout the world, and with the already widespread adoption of plastic modular belts within the food industry, Habasit has endorsed this innovative trend with a special line of x-ray detectable plastic modular belts to help processors avoid contamination.



- POM+DX is a thermoplastic POM-based material with special compound to make it x-ray detectable.
- To further reduce the risk of contamination, the POM-DX material has been modified to provide improved impact resistance over traditional POM.
- The material is suitable for direct food contact in accordance with FDA and EU regulations.
- High-safety food applications, such as red meat, poultry, fish and dairy, can benefit most from this detectable material.
- The bright yellow-green color enhances visibility for easier visual detection.
- Several Habasit belt styles and pitches have been outfitted with the POM+DX material, from M1100 series to the M6300 series.

X-ray Detection Detectable POM+DX material

Specifications

Belt Type		M1185	M1233	M2510	M2540	M5293	M5060	M6360
		POM+DX	POM+DX	POM+DX	POM+DX	POM+DX	POM+DX	POM+DX
Standard rod material		PA	PA	PA	PA	PA	PA	PA
Nominal tensile strength [F'N] straight run	N/m	3'520	14'400	14'000	15'400	11'200	32'000	45'000
	lb/ft	241	987	959	1'055	767	2'193	3'083
Nominal tensile strength [F'N] in curve	N	-	-	-	750	1'700	-	-
	lb	-	-	-	169	382	-	-
Belt weight [m ₆]	kg/m ²	4.2	8.1	8.5	8.5	9.0	10.6	19.2
	lb/sqft	0.85	1.65	1.74	1.74	1.84	2.17	3.94

Part numbers

Belt Series	Product Code
M1185	M1185M205B+DX
	M1185E185B+DX
	M1185E175B+DX
	M1185E135B+DX
	M1185E125B+DX
M1233	M1233M155B+DX
	M1233E105B+DX
	M1233E055B+DX
M2510	M2510U205B+DX
	M2510U105B+DX
M2540	M2540M205B+DX
	M2540M105B+DX
	M2540E135B+DX

Belt Series	Product Code
M2540	M2540E125B+DX
	M2540E085B+DX
	M2540E075B+DX
M5060	M5060U205B+DX
	M5060U155B+DX
M5293	M5293E305B-N1+DX
	M5293E285B+DX
	M5293E225B-N1+DX
	M5293E205B+DX
M6360	M5290M405B+DX
	M6360U205B+DX
	M6360U105B+DX

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